SONICAID
FETAL MONITORS

...with people in mind
The Huntleigh sonicaid™ range of Fetal monitors delivers innovative world-class obstetric solutions for midwives and obstetricians. Our extensive range allows monitoring throughout pregnancy in all environments.

Our success in fetal monitoring is born from more than 40 years experience and whilst recognised as a major supplier of CTGs worldwide, we are continuously investing in new and improved solutions to meet the changing demands of our customers.

The range is complemented by our software systems which includes Maternity Information, Labour Management and central review and archiving to satisfy all your hospital requirements.
Entry level Fetal Monitoring

The sonicaid BD4000 series is designed to deliver cost-effective solutions without compromising quality, precision, performance and ergonomics.

Ideally suited for the antenatal monitoring environment and is upgradeable for twins, intrapartum and interface with vital signs monitors.

Advanced Fetal Monitoring with FHR Analysis

The sonicaid Team range combines standard CTG monitoring with the world renowned Dawes/Redman antepartum CTG analysis, providing an objective, numerical and consistent assessment of the CTG.

Ideally suited for antenatal screening, giving clinicians advanced warning of fetal metabolic acidaemia.

Twins and intrapartum variants available.

Acute Fetal/Maternal Intrapartum Monitoring

The sonicaid FM800 Encore range is designed to provide flexible solutions for high-risk fetal and maternal assessment.

With integrated maternal vital signs monitoring as standard (FM830), the FM800 Encore series offers enhanced care throughout labour and delivery.

Remote Fetal Monitoring

sonicaid Fetal Assists unique portability enables at risk mothers to be monitored away from the hospital environment in areas such as at home, remote clinic, ambulance or during internal hospital transfers.

CTGs can be remotely sent using the tele-monitoring facility, giving the added reassurance of second opinion.

Also available with a docking station for use as a bedside monitor and Cordflow module to further expand its application area to include assessment of the umbilical artery and screening for the risk of pre-eclampsia.
Entry level monitoring

The **BD4000xs series** fetal monitors provide solutions for all areas of fetal monitoring. Using state of the art digital signal processing technology with enhanced FHR performance, the range includes antenatal and intrapartum models with a range of options and interface capabilities. This provides the most cost effective and flexible solution for all your fetal monitoring needs. Its compact size and styling belie its ruggedness and robust design, using the same materials, construction and design expertise as our world-renowned handheld Doppler’s.

- Twins capability as standard
- Unique no compromise full size twin FHR scale printing
- User adjustable, Tachycardia, Bradycardia, Loss of Contact and Cross – channel rate verification alerts
- Hospital Information System and Vital Signs Monitor interface
- User-customisable trace annotation facility
- Automatic fetal movement detection
- Intuitive user interface and controls simplifying training
- Maternally sensed fetal movement marker
- FECG and IUP upgrade options
sonicaid BD4000xs/smartsigns® SC750 Combo
Combined Fetal and Maternal Monitoring

This modular solution is not only highly cost effective and extremely flexible, providing clinicians with a unique solution for monitoring both fetal and maternal well-being. Standard monitoring parameters such as fetal heart rate, uterine activity and fetal movements are monitored on the BD4000xs, and simultaneously the maternal vital signs, of heart rate, blood pressure (Systolic, Diastolic and Mean Arterial Pressure MAP), oxygen saturation and temperature are monitored on the SC750. These are clearly displayed in either numerical or waveform format and are automatically transferred onto the CTG trace. Providing a full integrated hard copy of both fetal and maternal information together with clinical annotations on the same printout.

For further details on the smartsigns SC750 please refer to the smartsigns brochure.

sonicaid Centrale

sonicaid Centrale is a powerful CTG viewing and archiving software system. It allows multiple CTGs to be networked into it, enabling users to view & annotate CTG traces via networked access terminals, locally and remotely. A wide range of options allow it to be expanded to provide a comprehensive antenatal and/or labour management system.

For further information refer to our sonicaid Centrale brochure.
Advanced fetal monitoring with CTG analysis

The sonicaid Team range is designed for simplicity in fetal monitoring. Developed in collaboration with leading obstetric specialists, the small, easy to use and lightweight unit can be transported effortlessly; within hospitals, to clinics, doctor’s offices or even to the home.

- Twin fetal heart rate scales provide the clearest differentiation between two heart rates and avoids the difficulty of interpreting offset or overlapping traces
- Obstetric management interface as standard
- Scrolling display of fetal heart rate and uterine activity traces
- Six hours of trace storage
- Records can be annotated at the touch of a button
- Maternally sensed and automatic (Actogram) fetal movement detection
- Tachycardia, Bradycardia, Signal loss and Cross channel rate verification alarms
- Twins (TeamCare Duo) and Intrapartum (Team IP) variants

• Care Antepartum CTG analysis provides an objective, numerical and consistent assessment of the CTG. Clinicians can rely on a large database of collective experience to support their own visual assessment.
• Trend provides clear periodic changes over time in the FHR. For use during the 1st stage of labour, clinicians are quickly highlighted to changes in the variation, basal heart rate and deceleration size.
**TeamCare**
Antepartum Singleton Monitoring, ideal for your basic monitoring needs during pregnancy. Providing ultrasound, external Toco and fetal event marker.

**TeamCare Duo**
Antepartum Monitoring for Twins. Team Duo features an additional ultrasound channel allowing accurate assessment of twin fetal heart rate.

**Team IP Trend**
Basic Intrapartum Monitoring for admission, labour and delivery. As Team Duo plus FECG, maternal ECG and IUP options available.

**Wireless Transducers**
- Safe low voltage monitoring, ideal for the water birthing environment
- Patient free to move away from the labouring bed
- True ambulatory monitoring up to 100 metres range
- Dual function transducer storage and re-charging position
- Compatible with both the TeamCare and TeamCare Duo

**sonicaid Centrale**
CTG analysis is also available as an option in sonicaid Centrale with many added benefits:
- The analysis is stored along with the CTG for subsequent retrieval for training, expert review and audit
- The analysis can be run simultaneously on up to 48 CTGs
- sonicaid Centrale also provides a unique trend view with proven predictive value in managing “at risk” pregnancies

For further information refer to our sonicaid Centrale brochure.
High performance acute fetal/maternal intrapartum monitoring

The **sonicaid FM800 Encore** is a high performance fetal and maternal monitor, using today’s most advanced technology to produce the most accurate acquisition of data for clinician decision support. Whether you need standard fetal monitoring or equipment for specialist, high-risk care, the **sonicaid FM800 Encore** series gives you accuracy and clarity in every situation.

In the fast-paced environment of the labour ward, you need equipment that’s easy to use and data that is quick to read. The **sonicaid FM800 Encore** gives you comprehensive fetal/maternal monitoring and analysis in one technologically advanced yet simple to use monitor.

- Using the very latest in ultrasound technology, the **sonicaid FM800 Encore** gives increased performance. The wider, deeper uniquely designed ultrasound beam shape makes it easy to locate and maintain contact with the fetal heart in mothers of all sizes.
- Superbly accurate fetal ECG that works in the most demanding of environments – perfect for the busy labour room.
- User defined alarm settings are held in memory for each new recording.
- Unique **Intelligent Fetal Analysis (IFA)**, providing fetal data analysis to support professional assessments.

- Care Antepartum CTG analysis provides an objective, numerical and consistent assessment of the CTG. Clinicians can rely on a large database of collective experience to support their own visual assessment.
- Trend intrapartum analysis provides clear periodic changes over time in the FHR. For use during the first stage of labour, clinicians are quickly highlighted to critical changes in the FHR.
The **sonicaid FM820 Encore** offers twin ultrasound and separate ECG channels, allowing fully flexible monitoring of mother and fetus. In addition it also provides external and internal uterine activity monitoring. Automated sonicaid Actogram and maternally sensed fetal movements also come as standard.

For close monitoring of the mother as well as the fetus, the **sonicaid FM830 Encore** is a fully integrated system which allows the simultaneous monitoring of maternal ECG, pulse oximetry and blood pressure without the need for additional standalone devices.
Remote/tele fetal monitoring

**Fetal Assist** offers unique portability, battery operation and compact design, opening up new application areas such as tele-fetal monitoring and ambulatory monitoring. Its full featured specification, including twins capability, makes it one of the most technologically advanced fetal monitors in the world, yet with user friendly software it is totally intuitive to use, for mother or midwife.

- Included as standard, full antepartum capability, alarms, automatic fetal movement detection and on-screen trace annotation.
- Twins capability as standard
- Integral patient database with trace storage for up to 200 CTGs
- Roll stand and docking station converts **Fetal Assist** into a traditional bedside monitor
- Local CTG printed traces available via connection to a PC compatible printer
- GSM modem allows remote transfer of CTG from patient’s home or clinic, for viewing, expert referral and documentation
- Waterproof transducer and splash proof case available, for safe low voltage monitoring in the water-birthing environment
- Maternally sensed and automatic fetal movement detection
- Fetal Tachycardia, Bradycardia, Loss of Contact and twins cross channel rate verification alarms
- Internal battery enables four hours of continuous monitoring when not connected to mains power
sonicaid Cordflow Assist

The Fetal Assist is much more than just a fetal monitor. It is a modular system and other user interchangeable modules are available to further expand its range of applications.

By simply swapping to the Cordflow module, the sonicaid Assist becomes a lightweight and easily portable colour spectral Doppler system. Being simple to use, it does not require a qualified ultrasonographer, and enables assessment in the community or in the hospital.

Applications:
- Umbilical artery Doppler, detection and management of pregnancies at risk of intrauterine growth restriction
- Uterine artery Doppler, can assist in screening for the risk of preclampsia

Benefits:
- Lower cost than traditional Duplex scanning
- Reduce unnecessary referrals for Duplex scanning
- Combined with the Fetal Assist provides a unique low cost portable antenatal screening / management package for use in the home, office, clinic or hospital

sonicaid Centrale

sonicaid Centrale provides the receiving station capability at the hospital for receiving traces over the phone from the Fetal Assist.

This can be configured as a stand-alone system, or as part of a fully integrated antenatal and labour management system to provide seamless continuity of care from community antenatal care right through to labour and delivery in the hospital.

Traces received can be automatically printed on receipt and are automatically archived for later retrieval for training and expert review. The CTG analysis option can also be used to provide a robust and objective assessment of traces received.

For further information refer to our sonicaid Centrale brochure.
### sonicaid Fetal Monitor Selection Chart

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<th>Feature</th>
<th>BD4000xs A</th>
<th>BD4000xs I</th>
<th>Combo</th>
<th>TeamCare</th>
<th>TeamCare Duo</th>
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<th>FM820 Encore</th>
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Key: • Standard  ○ Option  * Optional MECG/IUP cable required, to be ordered separately

Contact us for full technical specifications

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